

Commercial Standard 170-50

Cotton Flour Bag (Sack) Towels

A RECORDED VOLUNTARY STANDARD OF THE TRADE

COMMODITY STANDARDS

Simplified Practice Recommendations and Commercial Standards are developed by manufacturers, distributors, and users in cooperation with the Commodity Standards Division of the Office of Industry and Commerce, Bureau of Foreign and Domestic Commerce, and with the National Bureau of Standards.

The purpose of Simplified Practice Recommendations is to eliminate avoidable waste through the establishment of standards of practice for stock sizes and varieties of specific commodities that currently are in general production and demand. The purpose of Commercial Standards is to establish standard methods of test, rating, certification, and labeling of commodities, and to provide uniform bases for fair competition.

The adoption and use of a Simplified Practice Recommendation or a Commercial Standard is voluntary. However, when reference to a Commercial Standard is made in contracts, labels, invoices, or advertising literature, the provisions of the standard are enforceable through usual legal channels as a part of the sales contract.

A Simplified Practice Recommendation or a Commercial Standard originates with the proponent industry. The sponsors may be manufacturers, distributors, or users of the specific product. One of these three elements of industry submits to the Commodity Standards Division the necessary data to be used as the basis for developing a standard of practice. The Division, by means of assembled conferences or letter referenda, or both, assists the sponsor group in arriving at a tentative standard of practice and thereafter refers it to the other elements of the same industry for approval or for constructive criticism that will be helpful in making any necessary adjustments. The regular procedure of the Division assures continuous servicing of each effective Simplified Practice Recommendation and Commercial Standard, through review and revision, whenever, in the opinion of the industry, changing conditions warrant such action. Simplified Practice Recommendations and Commercial Standards are printed and made available by the Department of Commerce through the Government Printing Office and the Department of Commerce field offices.

UNITED STATES DEPARTMENT OF COMMERCE

Charles Sawyer, Secretary

Cotton Flour Bag (Sack) Towels

[Effective October 11, 1950]

1. PURPOSE

1.1 The purpose of this commercial standard is to foster maintenance of the quality of cotton flour bag (sack) towels and to provide a nationally recognized standard for the information of producers, distributors, and users.

2. SCOPE

2.1 This commercial standard covers dish and tea towels made from a particular quality of used cotton bags or sacks. The standard includes dimensions of the towels and physical properties, such as weight per square yard, yarns per inch, and water absorption of the cotton bag material.

3. DEFINITION

3.1 "Cotton flour bag towels," for the purpose of this standard, means towels made from cotton bags that were designed to carry 100 pounds or more of flour, feed, sugar, or a similar commodity. Whenever this term is used, it shall also be intended to cover the term "cotton flour sack towels".

4. CLOTH REQUIREMENTS

4.1 *Cotton bag material.*—Cotton flour bag towels shall be produced from bags made of cotton sheeting which have been used only once for carrying 100 pounds or more of flour, feed, sugar, or a similar commodity. The cloth shall have been used for no other purpose.

4.2 *Construction.*—The weight per square yard and number of yarns per inch shall conform with the requirements given in table 1.

TABLE 1. *Weight and yarns per inch*

Weight, minimum	Yarns per inch, minimum		
	Warp	Filling	Warp and filling
<i>Oz./sq. yd.</i> 4.0	44	42	192

¹ In order to comply with this minimum requirement, the number of yarns in the warp or filling or both must be greater than the minimums specified.

4.3 *Imperfections.*—Except for needle points, the cloth shall carry no holes or other imperfections that may affect the appearance or serviceability of the towels.

4.4 *Water absorption.*—When the cloth is tested as described in paragraph 6.1, the water shall rise at least 3 centimeters in 40 seconds.

5. TOWEL REQUIREMENTS

5.1 *Laundrying.*—Flour bag towels shall have been washed, bleached, and mangled.

5.2 *Dimensions.*—Flour bag towels shall be no smaller than 30 inches by 17 inches, finished.

5.3 *Hems or finished edges.*—Other than the selvage, sides shall have hems or finished edges. Hems shall be of the flat or rolled type, stitched with two or more threads, and have at least seven stitches to the inch. The stitching may be of the lock-stitch type. Finished edges may be either the overedge or the overcast stitch type.

6. METHODS OF TEST

6.1 *Water absorption.*—A towel shall be suspended from one end with the lower end immersed in water to a depth of 3 centimeters. The time required for the water to rise to 3 centimeters above the surface of the water is reported. So as to eliminate any effect due to hem and stitching, the rise in water over a center strip of the towel, 12 inches wide, shall be used in determining the water rise. In order to facilitate the observation of the rise of the water, the specimen is thinly sprinkled with a mixture of powdered eosin and sugar which becomes strongly colored as soon as wet. The top and bottom ends of the towel are held wide open. Weights aggregating approximately 20 grams (about 1 g. per 2 cm. width) are distributed uniformly across the bottom end to keep the towel immersed throughout the test.

6.2 When purchased in large quantities, the number of towels to be tested as representative of the lot purchased shall be that agreed upon between buyer and seller.

7. IDENTIFICATION

7.1 *Statement.*—In order that purchasers may be assured that flour bag towels comply with all requirements of the commercial standard, it is recommended that manufacturers include the following statement in conjunction with their name and address on labels, invoices, sales literature, etc.:

These flour bag towels comply with Commercial Standard CS170-50, as developed by the trade under the procedure of the Commodity Standards Division, and issued by the U. S. Department of Commerce.

7.2 When available space on labels is insufficient for the full statement in legible type, an abbreviated statement, as follows, is recommended:

Complies with CS170-50, as developed by the trade, and issued by the U. S. Department of Commerce.

7.3 The following illustrates how an important group of producers of cotton flour bag towels has considered showing compliance with this commercial standard. It is expected that cotton flour bag towels produced by members of this group will be identified by means of the following symbol on invoices, package tags, or promotional literature.



8. EFFECTIVE DATE

8.1 Having been passed through the regular procedure of the Commodity Standards Division, and approved by the acceptors hereinafter listed, this commercial standard was issued by the United States Department of Commerce, effective from October 11, 1950.

EDWIN W. ELY,
Chief, Commodity Standards Division.

STANDING COMMITTEE

The following individuals comprise the membership of the standing committee, which is to review, prior to circulation for acceptance, revisions proposed to keep the standard abreast of progress. Comment concerning the standard and suggestions for revision may be addressed to any member of the committee or to the Commodity Standards Division, Office of Industry and Commerce, United States Department of Commerce, which acts as secretary for the committee.

ROBERT KOCH, Chairman

BELL, DR. ROBERT H., Lucius Pitkin, Inc., 47 Fulton St., New York 7, N. Y.
(representing American Council of Commercial Laboratories, Inc.).

BOGLE, L., Sears, Roebuck & Co., Chicago 7, Ill. (representing the Mail Order Association of America).

DANIEL, MRS. ERNEST H., Broad Branch & Grant Roads NW., Washington 8, D. C. (representing the General Federation of Women's Clubs).

FRIEDMAN, SIG, Sig Friedman & Co., New York 13, N. Y. (representing the Wholesale Dry Goods Institute, Inc.).^{No}
 HAGEN, JOHN, Callaway Mills, Inc., 295 Fifth Ave., New York, N. Y. (representing the American Association of Textile Technologists).^{No}
 HEARD, M. EARL, West Point Manufacturing Co., West Point, Ga. (representing the American Cotton Manufacturers Institute, Inc.).^{ATM}
 HIRSCHFELD, MILTON, Service Textile Co., 25 Lexington St., Newark, N. J.
 KOCH, ROBERT, Chase Bag Co., 4900 Corona Ave., Los Angeles, Calif. (representing the Textile Bag Manufacturers Assn.).^{YES}
 LAKE, GERARD K., Pepperell Manufacturing Co., 40 Worth St., New York, N. Y. (representing the National Association of Cotton Manufacturers).^{No}
 MASTERSON, WM. R., Better Fabrics Testing Bureau, Inc., 101 West Thirty-first St., New York 1, N. Y.
 PAYNE, MRS. CHARLOTTE, National Council of Women of the U. S., 501 Madison Ave., New York 22, N. Y.
 ST. JOHN, R. T., National Cotton Council of America, P. O. Box 18, Memphis 1, Tenn.
 SCHOENBART, EDWARD, Felix Lilienthal & Co., Inc., 33 West Thirty-fourth St., New York, N. Y. (representing National Retail Dry Goods Assn.).
 SHAW, H. W., Charles Schwartz & Co., 311 North Desplaines St., Chicago, Ill.

HISTORY OF PROJECT

The Textile Bag Manufacturers Association on December 10, 1949, requested the cooperation of the Commodity Standards Division in the establishment of a commercial standard for cotton flour bag (sack) towels, and submitted a proposed specification to be used as a basis for the commercial standard.

The specification was submitted for comment on February 3, 1950, to a number of manufacturers, distributors, users, and other interested organizations. After adjustment in agreement with the consensus of comment received, a recommended commercial standard was referred to the trade for written acceptance on June 30, 1950.

Acceptances in writing estimated to be a satisfactory majority having been received, an announcement was issued on September 11, 1950, that the standard would become effective for new production on October 11, 1950.

Project Manager: H. A. Ehrman, Commodity Standards Division, Office of Industry and Commerce.
 Technical Adviser: W. D. Appel, Organic and Fibrous Materials Division, National Bureau of Standards.

ACCEPTANCE OF COMMERCIAL STANDARD

If acceptance has not previously been filed, this sheet properly filled in, signed, and returned will provide for the recording of your organization as an acceptor of this commercial standard.

Date _____

Commodity Standards Division,
Office of Industry and Commerce,
U. S. Department of Commerce,
Washington 25, D. C.

Gentlemen:

We believe that the Commercial Standard 170-50 constitutes a useful standard of practice, and we individually plan to utilize it as far as practicable in the

production ¹ distribution ¹ purchase ¹ testing ¹
of cotton flour bag (sack) towels.

We reserve the right to depart from it as we deem advisable.

We understand, of course, that only those articles which actually comply with the standard in all respects can be identified or labeled as conforming thereto.

Signature of authorized officer _____

(In ink)

(Kindly typewrite or print the following lines)

Name and title of above officer _____

Organization _____

(Fill in exactly as it should be listed)

Street address _____

City, zone, and State _____

¹ Underscore which one. Please see that separate acceptances are filed for all subsidiary companies and affiliates which should be listed separately as acceptors. In the case of related interests, trade associations, trade papers, etc., desiring to record their general support, the words "General Support" should be added after the signature.

TO THE ACCEPTOR

The following statements answer the usual questions arising in connection with the acceptance and its significance:

1. *Enforcement.*—Commercial standards are commodity specifications voluntarily established by mutual consent of those concerned. They present a common basis of understanding between the producer, distributor, and consumer and should not be confused with any plan of governmental regulation or control. The United States Department of Commerce has no regulatory power in the enforcement of their provisions, but since they represent the will of the interested groups as a whole, their provisions through usage soon become established as trade customs, and are made effective through incorporation into sales contracts by means of labels, invoices, and the like.

2. *The acceptor's responsibility.*—The purpose of commercial standards is to establish for specific commodities nationally recognized grades or consumer criteria, and the benefits therefrom will be measurable in direct proportion to their general recognition and actual use. Instances will occur when it may be necessary to deviate from the standard, and the signing of an acceptance does not preclude such departures; however, such signature indicates an intention to follow the commercial standard, where practicable, in the production, distribution, or consumption of the article in question.

3. *The Department's responsibility.*—The major function performed by the Department of Commerce in the voluntary establishment of commercial standards on a Nation-wide basis is fourfold: first, to act as an unbiased coordinator to bring all interested parties together for the mutually satisfactory adjustment of trade standards; second, to supply such assistance and advice as past experience with similar programs may suggest; third, to canvass and record the extent of acceptance and adherence to the standard on the part of producers, distributors and users; and fourth, after acceptance, to publish and promulgate the standard for the information and guidance of buyers and sellers of the commodity.

4. *Announcement and promulgation.*—When the standard has been endorsed by a satisfactory majority of production or consumption in the absence of active, valid opposition, the success of the project is announced. If, however, in the opinion of the standing committee or of the Department of Commerce, the support of any standard is inadequate, the right is reserved to withhold promulgation and publication.

ACCEPTORS

The organizations listed below have individually accepted this standard for use as far as practicable in the production, distribution, testing, or use of cotton flour bag (sack) towels. In accepting the standard they reserved the right to depart from it as they individually deem advisable. It is expected that towels which actually comply with the requirements of this standard in all respects will be regularly identified or labeled as conforming thereto, and that purchasers will require such specific evidence of conformity.

ASSOCIATIONS

(General Support)

American Cotton Manufacturers Institute, Inc.,
Charlotte, N. C.
American Hotel Association, New York, N. Y.
National Association of Registered Nursing Homes,
Inc., White Plains, N. Y.
National Restaurant Association, Chicago, Ill.
Textile Bag Manufacturers Association, Evanston,
Ill.

FIRMS AND OTHER INTERESTS

Alabama Polytechnic Institute, Auburn, Ala.
Alabama, State of, Montgomery, Ala. (General
support.)
Allied Analytical & Research Laboratories, Dallas,
Tex.
Almy, Bigelow & Washburn, Inc., Salem, Mass.
American Cotton Products Co., Chicago, Ill.
Anthony, C. R., Co., Oklahoma City, Okla.
Arrow Bag Co., Oklahoma City, Okla.
Associated Hotels, Chicago, Ill.
Associated Industries of Georgia, Atlanta, Ga.
(General support.)
Belmont Burlap Bag Co., Philadelphia, Pa.
Berg Bag Co., Minneapolis, Minn.
Bestex Cotton Products Co., Detroit, Mich.
Better Fabrics Testing Bureau, Inc., New York,
N. Y.
Block & Kuhl Co., Peoria, Ill.
Blue Boar Cafeteria Co., Louisville, Ky.
Bowser-Morner Testing Laboratories, Dayton, Ohio.
Bradenton Woman's Club, Bradenton, Fla.
Bradford Durfee Technical Institute, Fall River,
Mass.
Brandels, J. L., & Sons, Omaha, Nebr.
Brenham Cotton Mill, Inc., Brenham, Tex.
Bullock's, Los Angeles, Calif.
Butler Bros., Chicago, Ill.
California Testing Laboratories, Inc., Los Angeles,
Calif.
California, University of, Agricultural Extension
Service, Berkeley, Calif. (General support.)
Callner Towel Service Inc., Chicago, Ill.
Chase Bag Co., Los Angeles, Calif.
Cooper's Department Store, Fresno, Calif.
Coyle & Richardson, Inc., Charleston, W. Va.
Erlanger Dry Goods Co., Canton, Ohio.
Filene's, William, Sons Co., Boston, Mass.
Florida State University, Tallahassee, Fla.
Frank & Seder of Detroit, Inc., Detroit, Mich.
Good Housekeeping Institute, New York, N. Y.
Hatch Textile Research, New York, N. Y.
Herrmann's Department Store, St. Paul, Minn.
Hochschild-Kohn & Co., Baltimore, Md.

Hochstadter Laboratories, Inc., New York, N. Y.
Industrial By-Products & Research Co., Philadel-
phia, Pa.
Kahler Corp., The, Rochester, Minn.
Kalamazoo, City of, Kalamazoo, Mich.
Kansas State College, Manhattan, Kans.
Laucks Laboratories, Inc., Seattle, Wash.
Leaf Bros., Minneapolis, Minn.
Levy Bros., San Mateo, Calif.
Los Angeles, City of, Los Angeles, Calif.
Macy, R. H., & Co., Inc., New York, N. Y.
Mandel Bros., Inc., Chicago, Ill.
Michael Reese Hospital, Chicago, Ill.
Miller & Paine, Lincoln, Nebr.
Murphy, G. C., Co., McKeesport, Pa.
National Bellas Hess N. Y. Corp., New York, N. Y.
Nesson Stores Inc., Allston, Mass.
New York Testing Laboratories, Inc., New York,
N. Y.
Norfolk Testing Laboratories, Norfolk, Va.
North Carolina State College, School of Textiles,
Raleigh, N. C. (General support.)
Penniman & Browne, Inc., Baltimore, Md.
Perkins Bros. Co., Dallas, Tex.
Pittsburgh Testing Laboratories, Pittsburgh, Pa.
Pittsburgh Testing Laboratory, San Francisco, Calif.
Prison Industries, Graterford, Pa.
Ragsdale Self Service Laundry, Atlanta, Ga.
Rich's, Inc., Atlanta, Ga.
Sadler, Samuel P., & Son, Inc., Philadelphia, Pa.
St. Luke's Hospital, Chicago, Ill.
Schuneman's, Inc., St. Paul, Minn.
Schwartz, Charles, & Co., Chicato, Ill.
Sears, Roebuck & Co., Chicago, Ill.
Service Textile Co., Inc., Newark, N. J.
Shillito, John, Co., The, Cincinnati, Ohio.
Skinner & Sherman, Inc., Boston, Mass.
Snell, Foster D., Inc., New York, N. Y.
South Dakota State College, Brookings, S. Dak.
(General support.)
Stone's Industrial Cafeterias Inc., Chicago, Ill.
Tepper, Carl K., & Son, Inc., Cincinnati, Ohio.
Texas Technological College, Textile Engineering
and Physics Departments, Lubbock, Tex.
Twin City Testing and Engineering Laboratory,
St. Paul, Minn.
United Motor Courts, Inc., Denver, Colo. (General
support.)
U. S. Bag Co., Los Angeles, Calif.
U. S. Linen Supply Co., Chicago, Ill.
U. S. Testing Co., Inc., Hoboken, N. J.

U. S. GOVERNMENT

Agriculture, U. S. Department of, Division of
Purchase, Sales and Traffic, Washington, D. C.
Federal Correctional Institution, Danbury, Conn.

COMMERCIAL STANDARDS

CS No.

0-40. Commercial standards and their value to
business.
1-42. Clinical thermometers.
2-30. Mopsticks.
3-40. Stoddard solvent.
4-29. Staple porcelain (all-clay) plumbing fixtures.
5-46. Pipe nipples; brass, copper, steel and wrought-
iron.

CS No.

6-31. Wrought-iron pipe nipples. Superseded by
CS5-46.
7-29. Standard weight malleable iron or steel
screwed unions.
8-41. Gage blanks.
9-33. Builders' template hardware.
10-29. Brass pipe nipples. Superseded by CS5-46.
11-41. Moisture regains of cotton yarns.

CS No.

- 12-48. Fuel oils.
- 13-44. Dress patterns.
- 14-51. Boys' sport and dress shirt (woven fabrics) size measurements.
- 15-46. Men's pajama sizes (made from woven fabrics).
- 16-29. Wallpaper.
- 17-47. Diamond core drill fittings.
- 18-29. Hickory golf shafts.
- 19-32. Foundry patterns of wood.
- 20-49. Vitreous china plumbing fixtures.
- 21-39. Interchangeable ground-glass joints, stop-cocks, and stoppers.
- 22-40. Builders' hardware (nontemplate).
- 23-30. Feldspar.
- 24-43. Screw threads and tap-drill sizes.
- 25-30. Special screw threads. Superseded by CS 24-43.
- 26-30. Aromatic red cedar closet lining.
- 27-36. Mirrors.
- 28-46. Cotton fabric tents, tarpaulins, and covers.
- 29-31. Staple seats for water-closet bowls.
- 30-31. (Withdrawn.)
- 31-38. Wood shingles.
- 32-31. Cotton cloth for rubber and pyroxylin coating.
- 33-43. Knit underwear (exclusive of rayon).
- 34-31. Bag, case, and strap leather.
- 35-49. Hardwood plywood.
- 36-33. Fourdrinier wire cloth.
- 37-31. Steel bone plates and screws.
- 38-32. Hospital rubber sheeting.
- 39-37. (Withdrawn.)
- 40-32. Surgeons' rubber gloves.
- 41-32. Surgeons' latex gloves.
- 42-49. Structural fiber insulating board.
- 43-32. Grading of sulphonated oils.
- 44-32. Apple wraps.
- 45-48. Douglas fir plywood.
- 46-49. Hosiery lengths and sizes.
- 47-34. Marking of gold-filled and rolled-gold-plate articles other than watchcases.
- 48-40. Domestic burners for Pennsylvania anthracite (underfeed type).
- 49-34. Chip board, laminated chip board, and miscellaneous boards for bookbinding purposes.
- 50-34. Binders board for bookbinding and other purposes.
- 51-35. Marking articles made of silver in combination with gold.
- 52-35. Mohair pile fabrics (100-percent mohair plain velvet, 100-percent mohair plain frieze, and 50-percent mohair plain frieze).
- 53-35. Colors and finishes for cast stone.
- 54-35. Mattresses for hospitals.
- 55-35. Mattresses for institutions.
- 56-49. Oak flooring.
- 57-40. Book cloths, buckrams, and impregnated fabrics for bookbinding purposes except library bindings.
- 58-36. Woven elastic fabrics for use in overalls (overall elastic webbing).
- 59-44. Textiles—testing and reporting.
- 60-48. Hardwood dimension lumber.
- 61-37. Wood-slat venetian blinds.
- 62-38. Colors for kitchen accessories.
- 63-38. Colors for bathroom accessories.
- 64-37. Walnut veneers.
- 65-43. Methods of analysis and of reporting fiber composition of textile products.
- 66-38. Marking of articles made wholly or in part of platinum.
- 67-38. Marking articles made of karat gold.
- 68-38. Liquid hypochlorite disinfectant, deodorant, and germicide.
- 69-38. Pine oil disinfectant.
- 70-41. Phenolic disinfectant (emulsifying type) (published with CS71-41).
- 71-41. Phenolic disinfectant (soluble type) (published with CS70-41).
- 72-38. Household insecticide (liquid spray type).
- 73-48. Old growth Douglas fir, Sitka spruce, and Western hemlock standard stock doors.
- 74-39. Solid hardwood wall paneling.
- 75-42. Automatic mechanical draft oil burners designed for domestic installations.
- 76-39. Hardwood interior trim and molding.
- 77-48. Enameled cast-iron plumbing fixtures.

CS No.

- 78-40. Ground-and-polished lenses for sun glasses (published with CS79-40).
- 79-40. Blown, drawn, and dropped lenses for sun glasses (published with CS78-40).
- 80-41. Electric direction signal systems other than semaphore type for commercial and other vehicles subject to special motor vehicle laws (after market).
- 81-41. Adverse-weather lamps for vehicles (after market).
- 82-41. Inner-controlled spotlamps for vehicles (after market).
- 83-41. Clearance, marker, and identification lamps for vehicles (after market).
- 84-41. Electric tail lamps for vehicles (after market).
- 85-41. Electric license-plate lamps for vehicles (after market).
- 86-41. Electric stop lamps for vehicles (after market).
- 87-41. Red electric warning lanterns.
- 88-41. Liquid burning flares.
- 89-40. Hardwood stair treads and risers.
- 90-49. Power cranes and shovels.
- 91-41. Factory-fitted Douglas fir entrance doors.
- 92-41. Cedar, cypress and redwood tank stock lumber.
- 93-50. Portable electric drills (exclusive of high frequency).
- 94-41. Calking lead.
- 95-41. Lead pipe.
- 96-41. Lead traps and bends.
- 97-42. Electric supplementary driving and passing lamps for vehicles (after market).
- 98-42. Artists' oil paints.
- 99-42. Gas floor furnaces—gravity circulating type.
- 100-47. Porcelain-enameled steel utensils.
- 101-43. Flue-connected oil-burning space heaters equipped with vaporizing pot-type burners.
- 102- (Reserved for "Diesel and fuel-oil engines.")
- 103-48. Rayon jacquard velour (with or without other decorative yarn).
- 104-49. Warm-air furnaces equipped with vaporizing type oil burners.
- 105-48. Mineral wool insulation for low temperatures.
- 106-44. Boys' pajama sizes (woven fabrics).
- 107-45. (Withdrawn.)
- 108-43. Treading automobile and truck tires.
- 109-44. Solid-fuel-burning forced-air furnaces.
- 110-43. Tire repairs—vulcanized (passenger, truck, and bus tires).
- 111-43. Earthenware (vitreous-glazed) plumbing fixtures.
- 112-43. Homogeneous fiber wallboard.
- 113-44. Oil-burning floor furnaces equipped with vaporizing pot-type burners.
- 114-43. Hospital sheeting for mattress protection.
- 115-44. Porcelain-enameled tanks for domestic use.
- 116-44. Bituminized-fibre drain and sewer pipe.
- 117-49. Mineral wool insulation for heated industrial equipment.
- 118-44. Marking of jewelry and novelties of silver.
- (E)119-45.¹ Dial indicators (for linear measurements).
- 120-48. Standard stock ponderosa pine doors.
- 121-45. Women's slip sizes (woven fabrics).
- 122-49. Western softwood plywood.
- 123-49. Grading of diamond powder.
- (E)124-45.¹ Master disks.
- 125-47. Prefabricated homes.
- 126-45. Tank-mounted air compressors.
- 127-45. Self-contained mechanically refrigerated drinking water coolers.
- 128-49. Men's sport shirt sizes—woven fabrics (other than those marked with regular neckband sizes).
- 129-47. Materials for safety wearing apparel.
- 130-46. Color materials for art education in schools.
- 131-46. Industrial mineral wool products, all types—testing and reporting.
- 132-46. Hardware cloth.
- 133-46. Woven wire netting.
- 134-46. Cast aluminum cooking utensils (metal composition).
- 135-46. Men's shirt sizes (exclusive of work shirts).
- 136-46. Blankets for hospitals (wool, and wool and cotton).

¹ Where "(E)" precedes the CS number, it indicates an emergency commercial standard, drafted under war conditions with a view toward early revision.

CS No.

- 137-46. Size measurements for men's and boys' shorts (woven fabrics).
- 138-49. Insect wire screening.
- 139-47. Work gloves.
- 140-47. Testing and rating convectors.
- 141-47. Sine bars, blocks, plates, and fixtures.
- 142-47. Automotive lifts.
- 143-47. Standard strength and extra strength perforated clay pipe.
- 144-47. Formed metal porcelain enameled sanitary ware.
- 145-47. Testing and rating hand-fired hot water supply boilers.
- 146-47. Gowns for hospital patients.
- 147-47. Colors for molded urea plastics.
- 148-50. Men's circular flat- and rib-knit rayon underwear.
- 149-48. Utility-type house dress sizes.
- 150-48. Hot rolled rail steel bars (produced from Tee-section rails).
- 151-48. Body measurements for the sizing of apparel for infants, babies, toddlers and children (for the knit-underwear industry).
- 152-48. Copper naphthenate wood-preservative (spray, brush, dip application).
- 153-48. Body measurements for the sizing of apparel for girls (for the knit-underwear industry).
- 154- . (Reserved for "Wire rope.")

CS No.

- 155-50. Body measurements for the sizing of boys' apparel (knit underwear, shirts, trousers).
- 156-49. Colors for polystyrene plastics.
- 157-49. Ponderosa pine and sugar pine plywood.
- 158-49. Model forms for girls' apparel.
- 159-49. Sunglass lenses made of ground and polished plate glass, thereafter thermally curved.
- 160-49. Wood fiber blanket insulation (for building construction).
- 161-49. "Standard grade" hot dipped galvanized ware (coated after fabrication).
- 162-49. Tufted bedspreads.
- 163-49. Standard stock ponderosa pine windows, sash, and screens.
- 164- . (Reserved for "Concrete mixers.")
- 165-50. Zinc naphthenate wood-preservative (spray, brush, dip application).
- 166-50. Size measurements for men's work trousers.
- 167-50. Automotive and general service copper tube.
- 168-50. Polystyrene plastic wall tiles, and adhesives for their application.
- 169-50. Galvanized ware fabricated from pregalvanized steel sheets.
- 170-50. Cotton flour bag (sack) towels.
- 171-50. Hardwood veneered doors.
- 172-50. Brass trim for water-closet bowls, tanks, and urinals (dimensional standards).

NOTICE.—Those interested in commercial standards with a view toward accepting them as a basis of everyday practice may secure copies of the above standards, while the supply lasts, by addressing the Commodity Standards Division, Office of Industry and Commerce, U. S. Department of Commerce, Washington 25, D. C.

U. S. DEPARTMENT OF COMMERCE

Field Service

Albuquerque, N. Mex. 203 W. Gold Ave.	Memphis 3, Tenn. 229 Federal Bldg.
Atlanta 3, Ga. 50 Whitehall St. SW.	Miami 32, Fla. 36 NE. First St.
Baltimore 2, Md. 103 S. Gay St.	Milwaukee 2, Wis. 517 E. Wisconsin Ave.
Boston 9, Mass. 1800 Customhouse	Minneapolis 1, Minn. 401 Second Ave. South
Buffalo 3, N. Y. 117 Ellicott St.	Mobile 10, Ala. 109-13 St. Joseph St.
Butte, Mont. 14 W. Granite St.	New Orleans 12, La. 333 St. Charles Ave.
Charleston 3, S. C. 18 Broad St.	New York 4, N. Y. 42 Broadway
Cheyenne, Wyo. 206 Federal Office Bldg.	Oklahoma City 2, Okla. 102 NW. Third St.
Chicago 4, Ill. 332 S. Michigan Ave.	Omaha 2, Nebr. 1319 Farnam St.
Cincinnati 2, Ohio 105 W. Fourth St.	Philadelphia 7, Pa. 1015 Chestnut St.
Cleveland 14, Ohio 925 Euclid Ave.	Phoenix, Ariz. 234 N. Central Ave.
Dallas 2, Tex. 1114 Commerce St.	Pittsburgh 19, Pa. 700 Grant St.
Denver 2, Colo. 828 Seventeenth St.	Portland 4, Oreg. 520 SW. Morrison St.
Detroit 26, Mich. 230 W. Fort St.	Providence 3, R. I. 24 Weybossett St.
El Paso, Tex. 206 U. S. Courthouse Bldg.	Reno, Nev. 118 W. Second St.
Hartford 1, Conn. 135 High St.	Richmond 19, Va. 801 E. Broad St.
Houston 14, Tex. 602 Federal Office Bldg.	St. Louis 1, Mo. 1114 Market St.
Jacksonville 1, Fla. 311 W. Monroe St.	Salt Lake City 1, Utah 350 S. Main St.
Kansas City 6, Mo. 911 Walnut St.	San Francisco 11, Calif. 555 Battery St.
Los Angeles 12, Calif. 312 North Spring St.	Savannah, Ga. 125-29 Bull St.
Louisville 2, Ky. 631 Federal Bldg.	Seattle 4, Wash. 909 First Ave.

*For local telephone listing, consult section devoted
to U. S. Government*

DEPARTMENT OF COMMERCE

National Bureau of Standards

VOLUNTARY PRODUCT STANDARDS

Notice of Action on Proposed Withdrawal

In accordance with § 10.12 of the Department of Commerce Procedures for the Development of Voluntary Product Standards (15 CFR Part 10, as amended; 35 F.R. 8349 dated May 28, 1970), notice is hereby given of the withdrawal of 111 Voluntary Product Standards identified below, including 78 standards identified as "Simplified Practice Recommendations" (R), and 33 standards previously identified as "Commercial Standards" (CS). Each of these standards has been found to be obsolete, technically inadequate, no longer acceptable to and used by the industry, or otherwise not in the public interest.

Public notice of the Department's intention to withdraw these standards was published in the FEDERAL REGISTER on February 10, 1971 (36 F.R. 2813), and a 45-day period was provided for the submission of comments or objections concerning the proposed withdrawal of any of these standards. No objections to the Department's intention of withdrawing any of these standards have been received by the National Bureau of Standards.

The effective date for the withdrawal of these standards will be 60 days after the publication of this notice. This withdrawal action terminates the authority to refer to these standards as Voluntary Product Standards developed under the Department of Commerce Procedures.

- R 4-36... Asphalt.
- R 8-50... Ferrous range boilers, expansion tanks, and solar tanks.
- R 9-47... Galvanized woven-wire fencing and barbed wire.
- R 19-37... Asbestos paper and asbestos millboard.
- R 21-46... Lavatory and sink traps.
- R 23-54... Plow bolts.
- R 26-50... Steel reinforcing bars.
- R 35-44... Steel lockers.
- R 38-37... Sand-lime brick.
- R 49-26... Sidewalk, floor, and roof lights.
- R 59-27... Rotary-cut lumber stock for wire-bound boxes.
- R 63-28... Metal spools (for annealing, handling and shipping wire).
- R 65-31... Packaging of overhead electric railway material.
- R 67-36... Taper roller bearings.
- R 68-41... Metal and nonconducting flashlight cases.
- R 69-27... Packaging of razor blades.
- R 71-28... Turnbuckles.
- R 74-49... Hospital and institutional cotton textiles.
- R 75-29... Composition blackboard.
- R 80-28... Folding and portable wooden chairs.
- R 82-28... Hollow metal single-acting swing doors, frames and trim.
- R 83-28... Kalamain single acting swing doors, frames, and trim.
- R 88-37... Floor sweeps.
- R 89-55... Coated abrasive products.
- R 92-38... Hard fiber twine and lath yarn (ply and yarn goods).

- R 93-39... Paper shipping tags.
- R 94-53... Open-web steel joists and open-web mailer steel joists.
- R 95-30... Skid platforms.
- R 97-47... Bell-bottom screw jacks.
- R 101-40... Metal partitions for toilets and showers.
- R 102-33... Granite curbstone.
- R 103-33... Wheelbarrows.
- R 107-31... Glassine bags.
- R 110-29... Soft fiber (jute) twine.
- R 112-29... Elastic shoe goring.
- R 115-30... Full-disk buffing wheels.
- R 119-31... Fast-selva terry towels.
- R 122-31... Wire insect-screen cloth.
- R 123-43... Carbonated beverage bottles.
- R 124-31... Polished cotton twine.
- R 126-41... Set-up paper boxes (used by department and specialty stores).
- R 127-41... Folding paper boxes (used by department and specialty stores).
- R 128-41... Corrugated fiber boxes (used by department and specialty stores).
- R 131-35... Glass containers for mayonnaise.
- R 138-32... Dental rubber (base and veneering).
- R 145-33... Packaging of electric railway motor and controller parts.
- R 154-38... Cupola refractories.
- R 155-41... Extracted honey packages.
- R 159-42... Forged axes.
- R 159-42... Forged hammers.
- R 160-42... Forged hatchets.
- R 161-35... Packaging of automotive (bus) engine parts.
- R 166-37... Color code for marking steel bars.
- R 169-45... Bolts and nuts (stock production sizes).
- R 171-38... Wooden boxes for canned fruits and vegetables.
- R 172-54... Stock folding boxes for garments and dry cleaning.
- R 177-41... Single-faced corrugated-board rolls (used by department and specialty stores).
- R 178-41... First-aid unit dressings and treatments (packaging of).
- R 181-41... Nonferrous range boilers.
- R 188-54... Spring and slotted clothespins (sizes and packaging).
- R 189-42... Round and flat hardwood toothpicks (sizes and packaging).
- R 190-42... Glass containers for green olives.
- R 199-43... Cloth window shades.
- R 201-43... Iron and steel pop safety valves.
- R 202-48... Tank-mounted air compressors (1/4 to 10 horsepower).
- R 203-44... Containers and packages for household insecticides (liquid spray type).
- R 204-44... Bronze pop safety valves, and bronze, iron and steel relief valves.
- R 205-44... Iron and steel relief valves for petroleum, chemical and general industrial services.
- R 209-45... Peanut butter packages and containers.
- R 212-45... Cast brass solder-joint fittings.
- R 215-46... Luggage (trunks and suitcases).
- R 219-46... Automatic regulating valves.
- R 232-48... Low-pressure lubricating devices.
- R 233-48... Rotary files and burs.
- R 234-48... Welded-wire fabric reinforcement concrete pipe.
- R 249-52... Plastic tableware.
- R 253-54... Retail container sizes for frozen fruits and vegetables.
- R 266-63... Gypsum board products.
- CS 3-40... Stoddard solvents (dry cleaning).
- CS 7-20... Standard weights malleable iron or steel screwed unions.
- CS 19-32... Foundry patterns of wood.
- CS 32-31... Cotton cloth for rubber and pyroxylin coating.
- CS 36-33... Fourdrinier wire cloth.
- CS 48-40... Domestic burners for Pennsylvania anthracite (underfed type).
- CS 56E-41... Oak flooring (exports).
- CS 59-44... Textiles-testing and reporting.
- CS 62-38... Colors for kitchen accessories.
- CS 63-38... Colors for bathroom accessories.
- CS 68-38... Liquid phycochlorite disinfectant, deodorant, and germicide.
- CS 93-50... Portable electric drills (exclusive of high frequency).
- CS 94-41... Calking lead.
- CS 95-41... Lead pipe.
- CS 96-41... Lead traps and bends.
- CS 102E-42... Diesel and fuel-oil engines (export classifications).
- CS 108-43... Treading automobile and truck tires.
- CS 110-43... Tire repairs—vulcanized (passenger, truck, and bus tires).
- CS 112-43... Homogeneous fiber wall-board.
- CS E124-45... Master disks.
- CS 126-56A... Tank-mounted air compressors (classification and testing).
- CS 139-47... Work gloves.
- CS 154E-49... Wire rope (export classifications).
- CS 184E-50... Concrete mixers (export classifications).
- ✓ CS 170-50... Cotton flour-bag (sack) towels.
- CS 175-51... Circular-knitted gloves and mittens.
- CS 179-51... Installation of attic ventilation fans in residences.
- CS 181-52... Water-resistant organic adhesives for installation of clay tile.
- CS 212-57... Steel sliding closet door and frame units.
- CS 213-57... Steel knockdown sliding closet door units (for wood frame installation).
- CS 221-59... Gel-coated glass-fiber-reinforced polyester resin bathtubs.
- CS 222-59... Gel-coated glass-fiber-reinforced polyester resin shower receptors.
- CS 229-60... Copper drainage tube (DWV).

LEWIS M. BRANSCOMB,
Director.

APRIL 15, 1971.

Approved: April 19, 1971.

JAMES H. WAKELIN, Jr.,
Assistant Secretary
for Science and Technology.

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